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\* Admitted in NY only  
\*\* Passed the Patent Bar Examination

September 14, 2001

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/896,417  
Applicant: Richard Sharp  
Filed: June 28, 2001  
Title: *METHOD FOR ACHIEVING TRANSMISSION PERFORMANCE OVER  
FIBER USING A MACH-ZEHNDER MODULATOR*  
Attorney Docket No.: SYCS-016/P79

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Notice To File Missing Parts of Application (2pgs);
2. Copy of Form PTO-1533 (1pg);
3. An Executed Declaration, Petition and Power of Attorney (5pgs);
4. Request to Correct Filing Receipt (1pg);
5. Copy of Filing Receipt with corrections marked in red;
6. Check in the amount of \$130.00 (missing parts); and
7. Return postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231 on:

September 14, 2001

Date

*David R. Burns*

David R. Burns, Reg. No. 46,590

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

*David R. Burns*

David R. Burns  
Reg. No. 46,590  
Attorney for Applicant



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Richard Sharp

Serial No.: 09/896,417

Filed: June 28, 2001

For: *METHOD FOR ACHIEVING TRANSMISSION  
PERFORMANCE OVER FIBER USING A MACH-ZEHNDER  
MODULATOR*

Attorney Docket No.: SYCS-031/P79

Group Art Unit: 2874

Examiner: Not Assigned

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

**Certificate of First Class Mailing (37 C.F.R. §1.8(a))**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

September 14, 2001

Date of Signature and of Mail Deposit

By:

*David R. Burns*

David R. Burns

Reg. No. 46,590

Attorney for Applicant

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NONPROVISIONAL APPLICATION**

Dear Sir:

Responsive to the Notice to File Missing Parts of Nonprovisional Application  
Filed Under 37 CFR 1.53(b) Filing Date Granted mailed August 20, 2001, Applicants'  
attorney is enclosing an executed Declaration, Petition and Power of Attorney for Patent

Application together with a copy of the Notice to File Missing Parts of Nonprovisional  
Application Filed Under 37 CFR 1.53(b) Filing Date Granted.

In addition, Applicants' attorney is enclosing a check in the amount of \$130.00  
for the declaration surcharge as set forth in 37 CFR 1.16(e) based on large entity status.

Please charge any underpayments or credit any overpayments associated with this  
communication to our Deposit Account No. 12-0080. A duplicate of this letter is  
enclosed.

Respectfully submitted,



David R. Burns  
Registration No. 46,590  
Attorney for Applicant

LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, MA 02109  
Tel. (617) 227-7400

Dated: September 14, 2001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Richard Sharp

Serial No.: 09/896,417

Filed: June 28, 2001

For: METHOD FOR ACHIEVING  
TRANSMISSION PERFORMANCE OVER FIBER  
USING A MACH-ZEHNDER MODULATOR

Attorney Docket No.: SYCS-031/P79

Group Art Unit: 2874

Examiner: Not Yet Assigned

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

**REQUEST FOR CORRECTION OF FILING RECEIPT**

Dear Sir:

The Filing Receipt for the above-identified patent application has a word in the title incorrectly spelled. The correct spelling should be "Method for Achieving Improved Transmission Performance over Fiber Using a Mach-Zehnder Modulator" instead of "Method for Acheiving Improved Transmission Performance over Fiber Using a Mach-Zehnder Modulator. A copy of the Filing Receipt with the changes noted thereon is submitted herewith.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Washington, DC 20231 on:

September 14, 2001

Date

*David R Burns*

David R. Burns, Reg. No. 46,590

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

*David R Burns*

David R. Burns

Reg. No. 46,590

Attorney for Applicant



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/896,417	06/28/2001	Richard Sharp	P-79/SYCS-031

CONFIRMATION NO. 2279

000959  
LAHIVE & COCKFIELD  
28 STATE STREET  
BOSTON, MA 02109

## FORMALITIES LETTER



\*OC00000006449648\*

Date Mailed: 08/20/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice MUST be returned with the reply.*

K. SAYSON

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/20/2001 BNGUYEN1 00000024 09896417

01 FC:105

130.00 OP



## UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/896,417	06/28/2001	2874	862	P-79/SYCS-031	9	24	4

CONFIRMATION NO. 2279

## FILING RECEIPT



\*OC00000006449647\*

000959  
LAHIVE & COCKFIELD  
28 STATE STREET  
BOSTON, MA 02109

Date Mailed: 08/20/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Richard Sharp, Wayland, MA;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 08/20/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

## Title

achieving  
Method for ~~achieving~~ improved transmission performance over fiber using a Mach-Zehnder modulator

Preliminary Class

385

RECEIVED  
LAHIVE & COCKFIELD  
DOCKET DEPT.

AUG 22 2001

RETRIEVED:

FORWARDED:

9/10/01

Data entry by : SAYSON, KLEITON

Team : OIPE

Date: 08/20/2001

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 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2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 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